

What is claimed is:

1. A method for driving a plasma display panel which displays a frame composed of a plurality of sub-fields having different weights of luminance, the method comprising:
 - 5 using plural kinds of application voltage waveforms different in light emission luminance, as pulse voltages for sustain discharges in display of each sub-field; and
 - adjusting the number of waves in each of the plural kinds of application voltage waveforms according to the weight of
 - 10 luminance set for each sub-field, thereby performing gradation display.
2. The method of claim 1, wherein the number of waves in each of the plural kinds of application voltage waveforms is
- 15 changed in accordance with input luminance in order to perform gradation display.
3. The method of claim 2, wherein the plural kinds of application voltage waveforms are arranged regularly and
- 20 alternatively.
4. The method of claim 2, wherein, of the plural kinds of application voltage waveforms, application voltage waveforms of a kind with a high ultimate electric potential are arranged by being
- 25 gathered in a latter half phase of a sustain period.
5. The method of claim 2, wherein, of the plural kinds of

application voltage waveforms, application voltage waveforms of a kind with a higher ultimate electric potential are arranged by gathered in the middle phase of a sustain period, and application voltage waveforms of another kind with a lower ultimate electric potential are arranged by being gathered in phases prior to and subsequent to the middle phase of the sustain period.

6. The method of claim 1, wherein the constituent ratio of the plural kinds of application voltage waveforms is changed in accordance with a display rate in display screen